

Docket No.  
448563/0163  
LR:DLS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Minoru Usui et al.

Art Unit: 2863

Application No.: 09/312,073

Examiner: M. Nghiem

Filed: May 13, 1999

For: **INK CARTRIDGE FOR INK-JET PRINTING APPARATUS**

Date: July 25, 2003

**SECOND SUPPLEMENTAL AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**FAX RECEIVED**

JUL 24 2003

TECHNOLOGY CENTER 2800

Sir:

In further reply to the Office Action of the United States Patent and Trademark Office mailed on January 22, 2003, a complete response to which having been timely filed on May 22, 2003, and a Supplemental Amendment having been submitted on June 23, 2003, Applicants respectfully submit the following further revisions and remarks.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 23 of this paper.

#37/Sample  
Amend  
Answer  
8/26/03